# THE SOYBEAN DIGEST—INDEX TO VOLUME XIV

## Subject Matter


**A**

Admex, new plasticizer — No. 2, p. 18
American Soybean Association, finance program, No. 1, p. 6; price program, No. 1, p. 6; grades, No. 1, p. 6; grades, No. 2, p. 31; meetings for handlers and producers, No. 2, p. 31; meetings, No. 3, p. 6; price support, No. 4, p. 6; convention exhibits, No. 7, p. 6; convention, No. 8, p. 6; Memphis, convention city, No. 9, p. 8; convention program, No. 10, p. 12; honorary life member, No. 11, p. 15; 34th annual convention, No. 11, p. 16; president's report, No. 11, p. 19; secretary's report, No. 11, p. 21; resolutions, No. 11, p. 23; 1955 activities — No. 12, p. 4
Antibiotics, feeding cattle and swine — No. 4, p. 25
Arkansas, meetings, No. 3, p. 7; storage report — No. 9, p. 13

**B**

Bisbee Linseed Co. sold — No. 3, p. 20
Brazil, increase in bean crop — No. 9, p. 37
Butter threat, No. 9, p. 23; surplus disposal and soybean oil — No. 11, p. 72

**C**

Calland, J. Ward, honorary life member — No. 11, p. 15
Canadian exports, No. 3, p. 20; process bulk of 1953 crop — No. 8, p. 21
Central Soya Anniversary — No. 12, p. 18
Chayen process in U. S. — No. 1, p. 17
Chicago meal trade big increase, No. 3, p. 33; changes in meal contract — No. 11, p. 83
Chinese soybeans, Suez Canal movement — No. 1, p. 19
Crop report, U. S., No. 1, p. 20; No. 2, p. 21; No. 3, p. 16; No. 6, p. 20; No. 7, p. 22; No. 8, p. 20; No. 9, p. 26; No. 10, p. 32; No. 11, p. 80 — No. 12, p. 20
Crop report, world, less than 1952, No. 3, p. 19; another raise in 1953 estimate — No. 7, p. 22

**D**

Diseases, pests, No. 2, p. 22; No. 6, p. 22; what you can do, No. 8, p. 8; Midwest, No. 8, p. 19; and disorders in Southwestern Ontario — No. 10, p. 16
Dog food, based on soybeans, No. 2, p. 17; soy flour and soybean oil meal in — No. 6, p. 7
Driers installed in mid-Philadelphia — No. 3, p. 15

**E**

Edible oils, CCC-held disposal — No. 11, p. 70
Effect of agitation on stability of hydrogenated soybean oil — No. 10, p. 24
European buyers view U. S. soybeans — No. 11, p. 28
Exports, vital to producers, No. 9, p. 24; soybeans — No. 11, p. 60

**F**

Fairchild, Dr. David, passes — No. 11, p. 77
Fats and oils, trading in, No. 4, p. 16; world supplies, No. 11, p. 46; used in cooking, No. 12, p. 22; economic status — No. 12, p. 22
Fatty acids, study of markets made, No. 1, p. 19; research fellowship, No. 3, p. 9; glycerides and derivatives, No. 4, p. 23; sustain fats market — No. 12, p. 22
Fatty alcohol process by Blaw-Knox — No. 10, p. 28
Feeding cattle, ammoniated, No. 4, p. 22; antibiotics, No. 4, p. 25; hormones — No. 8, p. 23
Feeding, poultry, soybean oil meal, No. 1, p. 24; vegetable oils, No. 2, p. 23; soybean oil value in broiler diets, No. 4, p. 24; protein diet, No. 9, p. 34; fats — No. 10, p. 34
Feeding, swine, protein requirements, No. 1, p. 24; soybean oil meal heat treatment, No. 1, p. 24; effect of level of protein fed baby pigs, No. 1, p. 25; antibiotics, No. 4, p. 25; value of pelleted rations, No. 4, p. 25; historical developments, No. 5, p. 21; pre-starter — No. 8, p. 23
Fertilizers, pay on Indiana farm, No. 3, p. 8; program, No. 5, p. 13; can up Southern yields, No. 5, p. 25; and lime pay off — No. 5, p. 28
Foreign material, processor looks at — No. 11, p. 55
Futures markets, soybeans and products — No. 11, p. 48

**G**

General Mills new soybean oil — No. 1, p. 18
Germany, margarine, No. 1, p. 33; new vegetable oil shortening — No. 2, p. 17
Glycerides, fatty acids and derivatives — No. 4, p. 23
Grades, No. 1, p. 6; No. 2, p. 31; dirty beans, No. 6, p. 24; buy on a cleaned basis, No. 11, p. 53; support the change — No. 12, p. 4

**H**

Harvests larger in September — No. 9, p. 16

**I**

Illinois, soybeans move south — No. 5, p. 22
Inoculation, bulletin, No. 1, p. 22; value of — No. 5, p. 14
Irrigation, used by winners, No. 6, p. 9; in Missouri, No. 9, p. 10; trials in Southwest, No. 9, p. 11; producing soybeans — No. 11, p. 27

**K**

Killdeer area — No. 1, p. 8

**L**

Lecithin, color in relation to processing conditions, No. 10, p. 27; research at Peoria Laboratory — No. 12, p. 14
Louisiana, mellorine, No. 3, p. 7; soybean production, No. 4, p. 20; leading producer passes — No. 4, p. 22

**M**

Margarine, in Germany, No. 1, p. 33; new all-soy on market, No. 2, p. 9; January production a record, No. 6, p. 19; and butter consumption, No. 10, p. 21; takes fifth of soy oil in 1954 — No. 10, p. 41
Mellorine, No. 2, p. 22; in Louisiana — No. 3, p. 7
Mexican diets, soybeans introduced — No. 2, p. 16
Midsouth shippers meeting — No. 11, p. 18
Mississippi, Cottonseed Products Co., No. 1, p. 18; soybeans in agriculture, No. 5, p. 24; weed control in Delta area, No. 6, p. 18, producers recommend — No. 9, p. 22
Missouri, irrigation — No. 9, p. 10
Mixed-feeds industry — No. 3, p. 21

**N**

Nebraska, varieties, No. 3, p. 21; growing soybeans — No. 10, p. 19
Neutron irradiation, effects on soybeans — No. 7, p. 18
New Orleans Elevator addition — No. 3, p. 9
Northern Regional Research Laboratory, research developments, No. 1, p. 14 — No. 12, p. 14

**O**

Oils, vegetable, for chicks, No. 2, p. 23; markets, No. 3, p. 21; U. S. may face African competition, No. 10, p. 28; CCC-held disposal of edible — No. 11, p. 70
Ontario, soybean crop expansion, No. 2, p. 14; disease and disorders in Southwestern, No. 10, p. 16; research projects at Agricultural College — No. 10, p. 31

**P**

Peiping oil monopoly — No. 10, p. 30
Pelleted rations, value to swine — No. 4, p. 25
Pesticides — No. 8, p. 22
Pests, diseases, No. 2, p. 22; velvetbean caterpillar — No. 2, p. 22
Plasticizer, many uses — No. 2, p. 18
Portageville queen — No. 1, p. 7
Pre-emergence spray problems — No. 10, p. 35
Pre-starter for pigs — No. 8, p. 23
Prices, program, No. 1, p. 6; support, No. 4, p. 6; relation of soybeans and cottonseed, No. 5, p. 20; why they vary, No. 5, p. 30; 75-80 percent support fair basis, No. 6, p. 4; what will happen — No. 11, p. 24



*Mitchell, Hutchins & Co.*

**—Future Brokers in Beans, Oil and Meal—**

**Members of all leading Commodity Exchanges**

**231 S. LaSalle St. Chicago 4, Ill. State 2-1700**

Processing, improvements, No. 3, p. 14; report on costs, No. 8, p. 22; color of lecithin in relation to conditions ..... No. 10, p. 27
Processors, tri-state conferences at University of Missouri, No. 4, p. 33; Missouri, Nebraska, Ontario meetings, No. 5, p. 26; bad year, No. 10, p. 30; annual convention, No. 11, p. 18; foreign material looked at by ..... No. 11, p. 55
Production, costs, No. 5, p. 14; need of research, No. 7, p. 16; recommendations for Mississippi ..... No. 9, p. 22
Protein, soy flour has lowest-cost, No. 1, p. 17; requirements for sucking pigs, No. 1, p. 24; effect of level on baby pigs, No. 1, p. 25; shortage of high-protein feeds, No. 2, p. 17; level in hot weather for chicks, No. 3, p. 22; corn, No. 4, p. 23; diet for poultry ..... No. 9, p. 34

R

Remington, Ind., winner ..... No. 3, p. 20
Research, developments at Northern Regional Laboratory, No. 1, p. 14; fatty acids fellowship, No. 3, p. 9; need in soybean production, No. 7, p. 16; a processor looks at, No. 8, p. 16; Soybean Council, No. 9, p. 18; projects at Ontario Agricultural College, No. 10, p. 31; expanded program of varietal development work, No. 12, p. 6; new varieties for the Southern states, No. 12, p. 8; research developments at Peoria ..... No. 12, p. 14

S

Scott, Walter M., Sr., passes ..... No. 4, p. 22
Seed, treatment, No. 2, p. 22; low germination, No. 4, p. 14; value of inoculation, No. 5, p. 14; date of planting, No. 5, p. 13; injury and quality ..... No. 10, p. 14
Shortening, new in German bakeries ..... No. 2, p. 17
Southern Regional Research Laboratory develops new spread ..... No. 1, p. 16
Soybean oil, heavy-bodied, No. 1, p. 18; new by General Mills, No. 1, p. 18; green, No. 1, p. 22; for broilers, No. 4, p. 24; color characteristics and chemical analyses, No. 10, p. 22; effect of agitation on stability of hydrogenated, No. 10, p. 24; margarine takes one-fifth in 1954, No. 10, p. 41; and surplus butter disposal ..... No. 11, p. 72
Soybean oil meal, heat treatment, No. 1, p. 24; nutritive value for chicks, No. 1, p. 24; and urea, No. 2, p. 8; estrogenic activity, No. 2, p. 23; over-heated, No. 3, p. 21; toxic, No. 3, p. 22; in dog food, No. 6, p. 7; toxicity of trichloroethylene-extracted, No. 10, p. 22; changes in contract ..... No. 11, p. 83
Soybean oil mill conference papers ..... No. 10, p. 22
Soybean Research Council ..... No. 9, p. 18
Soybeans, expansion in Ontario, No. 2, p. 14; introduced in Mexican diets, No. 2, p. 16; in dog food, No. 2, p. 17; and corn, No. 3, p. 8; South and West, No. 4, p. 18; production in Louisiana, No. 4, p. 20; fertilizing, No. 5, p. 16; move south in Illinois, No. 5, p. 22; in Mississippi agriculture, No. 5, p. 24; hail damage, No. 5, p. 28; plant before weeds, No. 7, p. 8; what are top yields, No. 7, p. 10; leading high yield factors, No. 7, p. 17; effects of neutron irradiation, No. 7, p. 18; trials in Southwest, No. 9, p. 11; growing in Nebraska, No. 10, p. 19; urease tests, No. 10, p. 24; producing by irrigation, No. 11, p. 27; as viewed by European buyers, No. 11, p. 28; role in agricultural revolution, No. 11, p. 36; and cotton interdependence, No. 11, p. 40; and products futures markets, No. 11, p. 48; buy on a cleaned basis, No. 11, p. 53; handling in a port elevator, No. 11, p. 57; problems in exporting, No. 11, p. 60; status in 1955 farm program, No. 11, p. 64; and the farm act, No. 11, p. 82; in Georgia ..... No. 12, p. 23
Soy flour, lowest-cost protein, No. 1, p. 17; in dog food, No. 6, p. 7; enriches South African foods, No. 8, p. 15; in sweets ..... No. 8, p. 18
Soy products must stay competitive ..... No. 3, p. 10
Spencer Kellogg & Sons, Inc., soybean oil at ..... No. 3, p. 10
Storage, soybean, No. 2, p. 22; No. 5, p. 28; report in Arkansas ..... No. 9, p. 33
Support price, lower, No. 2, p. 6; No. 4, p. 6; 75-80 percent fair basis ..... No. 6, p. 4

T

Thailand bean crop ..... No. 10, p. 29

U

Urea, and soybean oil meal, No. 2, p. 8 ..... No. 3, p. 22
Urease tests on soybeans ..... No. 10, p. 24
USDA, makes study of fatty acids markets ..... No. 1, p. 19

V

Varieties, list published by USDA, No. 1, p. 22; in Nebraska, No. 3, p. 21; leading, No. 4, p. 8; Dorman in Iowa, No. 5, p. 31; Hardome, No. 6, p. 24; Lee superior for Midsouth, No. 8, p. 14; expanded development program, No. 12, p. 6; new for Southern states ..... No. 12, p. 8

W

Wagner, Louis, passes ..... No. 7, p. 9
Weed control, in North, No. 6, p. 14; in Mississippi Delta area, No. 6, p. 18; plant soybeans before, No. 7, p. 8; try companion crop, No. 7, p. 8; descriptions of weeds ..... No. 7, p. 24
World, crop report, No. 3, p. 19; No. 7, p. 22; fats and oils supplies ..... No. 11, p. 46

Y

Yield contests, Remington, Ind., winner, No. 3, p. 20; Canada, Indiana, Iowa, No. 5, p. 12; fertilizers can up Southern yields, No. 5, p. 25; how contestants get high yields, No. 6, p. 8; irrigation used by winners, No. 6, p. 9; what are top yields, No. 7 p. 10; leading high yield factors, No. 7, p. 17; Durand, Ill., winner ..... No. 10, p. 41

# Index of Contributors

B

Barnes, Joseph E. ..... No. 10, p. 14
Bean, Louis H. ..... No. 5, p. 20; No. 10, p. 21
Blake, Wm. Rhea ..... No. 11, p. 40
Brewster, John M. ..... No. 3, p. 14

C

Calland, J. W. ..... No. 5, p. 16
Clarkson, A. A. ..... No. 11, p. 57
Cowan, J. C. ..... No. 1, p. 14; No. 12, p. 14
Cramer, S. E. ..... No. 4, p. 16

D

Dannen, Dwight L. ..... No. 8, p. 16
Dutton, H. J. ..... No. 10, p. 27

F

Fox, W. B. ..... No. 11, p. 60

G

Gamio, Manuel ..... No. 2, p. 16
Gray, John P. ..... No. 4, p. 20

H

Hafner, Fred H. ..... No. 2, p. 8
Hanway, Donald G. ..... No. 10, p. 19
Hartwig, Edgar E. ..... No. 6, p. 18; No. 8, p. 14; ..... No. 12, p. 8
Hartz, Jake, Jr. ..... No. 11, p. 19
Hedge, Porter M. ..... No. 1, p. 32; No. 2, p. 32; No. 3, p. 32; No. 4, p. 32; No. 5, p. 38; No. 6, p. 32; No. 7, p. 36; No. 8, p. 32; No. 9, p. 36; No. 10, p. 40; No. 11, p. 82 ..... No. 12, p. 31
Heline, Oscar ..... No. 2, p. 6
Hildebrand, A. A. ..... No. 10, p. 16
Hoover, C. Dale ..... No. 5, p. 24
Huge, W. E. ..... No. 11, p. 36
Humphrey, L. M. ..... No. 7, p. 6

J

Johnson, Herbert W. ..... No. 12, p. 6

K

Kennedy, L. E. ..... No. 11, p. 53
Kutish, Francis A. ..... No. 11, p. 24

L

Lancaster, E. B. ..... No. 10, p. 24

M

MacMillan, Duncan ..... No. 10, p. 22
McKinney, L. L. ..... No. 10, p. 22
McLain, Marvin L. ..... No. 11, p. 64

N

National Soybean Crop Improvement Council ..... No. 7, p. 16

O

Oliver, R. B. ..... No. 11, p. 27

P

Pellett, Kent ..... No. 1, p. 8; No. 2, p. 14 ..... No. 3, p. 10
Pogeler, Glenn ..... No. 11, p. 55

Q

Quintus, Paul E. ..... No. 11, p. 46

R

Riepma, Siert ..... No. 11, p. 72

S

Schonberg, James S. ..... No. 11, p. 48
Simon, Martin S. ..... No. 3, p. 14
Smith, A. K. ..... No. 10, p. 24
Strayer, Geo. M. ..... No. 1, p. 4, No. 2, p. 4; No. 3, p. 4; No. 4, p. 4; No. 5, p. 4; No. 6, p. 4; No. 7, p. 4; No. 8, p. 4; No. 9, p. 4; No. 10, p. 4; No. 11, p. 21; No. 11, p. 28; ..... No. 12, p. 4
Sylwester, E. P. ..... No. 6, p. 14

T

Terrill, R. L. ..... No. 9, p. 18
Thigpen, J. E. ..... No. 11, p. 70

V

Vanschaik, P. ..... No. 10, p. 31

W

Whitt, D. M. ..... No. 9, p. 10

**STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, AND JULY 2, 1946 (Title 39, United States Code, Section 233) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF**

The Soybean Digest, published monthly at Hudson, Iowa, for October 1, 1954.

1. The names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher: American Soybean Association, Hudson, Iowa.

Editor: Geo. M. Strayer, Hudson, Iowa.

Managing editor: Kent Pellett, Hudson, Iowa.

Business manager: George McCulley, Hudson, Iowa.

2. The owner is: American Soybean Association, Hudson, Iowa, an educational organization operating under the Iowa law as a corporation not for profit, of which no individual or member owns or holds more than 1 percent of the stock.

3. The known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: None.

4. Paragraphs 2 and 3 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting; also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner.

KENT PELLETT
Managing Editor

Sworn to and subscribed before me this 27th day of September, 1954.

GEO. McCULLEY
Notary Public

(SEAL)

(My commission expires July 4, 1957)